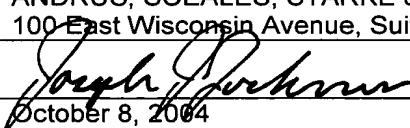
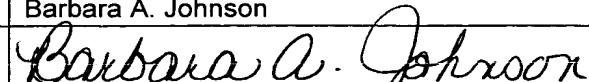



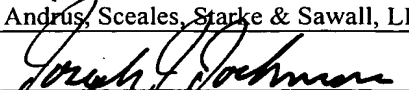
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Please type a plus sign (+) inside this box [+]		Patent and Trademark Office: U.S. Department of Commerce	
0001/PTO	U.S. Department of Commerce	Application Number	10/698,239
Rev. 10/95	Patent and Trademark Office	Filing Date	10/31/2003
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		First Named Inventor	Nirohiko Furuta
		Group Art Unit	3679
		Examiner Name	James H. Hewitt
Total Number of pages in this Submission		11	Attorney Docket Number
			488-00063

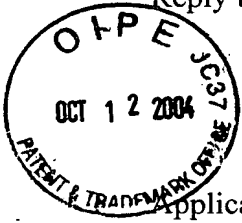
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> After final <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement/PTO-1449 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37.1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication To Group <input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (Please identify below) <div style="border: 1px solid black; padding: 5px; width: fit-content;">Return receipt postcard</div>
<div style="border: 1px solid black; padding: 5px; width: fit-content;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Or Individual Name	Joseph J. Jochman, Reg. No. 25,058 ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	
Date	October 8, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:			
			October 8, 2004
Typed or printed name	Barbara A. Johnson		
Signature		Date	10/8/2004

PTO/SB/17 (10/97) <div style="text-align: center;">  </div>		COMPLETE IF KNOWN																																																																																																													
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 01.2000 Deposit Account Name Andrus, Scales, Starke & Sawall, LLP <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b) 3. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		2. Additional Fees <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105 130</td><td>205 65</td><td>Surcharge-late filing fee or oath</td><td>_____</td></tr> <tr><td>127 50</td><td>227 25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td>_____</td></tr> <tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td>_____</td></tr> <tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for reexamination</td><td>_____</td></tr> <tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>_____</td></tr> <tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>_____</td></tr> <tr><td>115 110</td><td>215 55</td><td>Extension for response within first month</td><td>_____</td></tr> <tr><td>116 400</td><td>216 200</td><td>Extension for response within second month</td><td>_____</td></tr> <tr><td>117 950</td><td>217 475</td><td>Extension for response within third month</td><td>_____</td></tr> <tr><td>118 1,510</td><td>218 755</td><td>Extension for response within fourth month</td><td>_____</td></tr> <tr><td>128 2,060</td><td>228 1,030</td><td>Extension for response within fifth month</td><td>_____</td></tr> <tr><td>119 310</td><td>219 155</td><td>Notice of appeal</td><td>_____</td></tr> <tr><td>120 310</td><td>220 155</td><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>121 270</td><td>221 135</td><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td>_____</td></tr> <tr><td>140 110</td><td>240 55</td><td>Petition to revive unavoidably abandoned application</td><td>_____</td></tr> <tr><td>141 1,320</td><td>241 660</td><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>142 1,320</td><td>242 660</td><td>Utility issue fee (or reissue)</td><td>_____</td></tr> <tr><td>143 450</td><td>243 225</td><td>Design issue fee</td><td>_____</td></tr> <tr><td>144 670</td><td>244 335</td><td>Plant issue fee</td><td>_____</td></tr> <tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>123 50</td><td>123 50</td><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>126 240</td><td>126 240</td><td>Submission of Information Disclosure Statement</td><td>_____</td></tr> <tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>_____</td></tr> <tr><td>146 790</td><td>246 395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>_____</td></tr> <tr><td>149 790</td><td>249 395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>_____</td></tr> </tbody> </table> Other fee (specify) _____ Other fee (specify) _____		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130	205 65	Surcharge-late filing fee or oath	_____	127 50	227 25	Surcharge-late provisional filing fee or cover sheet	_____	139 130	139 130	Non-English specification	_____	147 2,520	147 2,520	For filing a request for reexamination	_____	112 920*	112 920*	Requesting publication of SIR prior to Examiner action	_____	113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	_____	115 110	215 55	Extension for response within first month	_____	116 400	216 200	Extension for response within second month	_____	117 950	217 475	Extension for response within third month	_____	118 1,510	218 755	Extension for response within fourth month	_____	128 2,060	228 1,030	Extension for response within fifth month	_____	119 310	219 155	Notice of appeal	_____	120 310	220 155	Filing a brief in support of an appeal	_____	121 270	221 135	Request for oral hearing	_____	138 1,510	138 1,510	Petition to institute a public use proceeding	_____	140 110	240 55	Petition to revive unavoidably abandoned application	_____	141 1,320	241 660	Petition to revive unintentionally abandoned application	_____	142 1,320	242 660	Utility issue fee (or reissue)	_____	143 450	243 225	Design issue fee	_____	144 670	244 335	Plant issue fee	_____	122 130	122 130	Petitions to the Commissioner	_____	123 50	123 50	Petitions related to provisional applications	_____	126 240	126 240	Submission of Information Disclosure Statement	_____	581 40	581 40	Recording each patent assignment per property (times number of properties)	_____	146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))	_____	149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))	_____
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Type or Printed name	Joseph J. Jochman Andrus, Scales, Starke & Sawall, LLP	Registration Number	25,058																																																																																																												
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Appln. No. 10/698,239
Amdt dated: October 8, 2004
Reply to Office Action of July 9, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Of:)
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NORHIKO FURUTA ET AL)
)
Application No.: 10/698,239)
)
Filed: 10/31/2003)
)
Group Art Unit: 3679)
)
Examiner: James M. Hewitt)
)
HOSE WITH CORRUGATED METAL)
TUBE)

AMENDMENT

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed July 9, 2004.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected on page 7 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include an attached replacement sheet.

Remarks begin on page 9 of this paper.